

Wednesday, April 19, 2017 3:32:26 PM

159944

Page 1

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 6/1/2017 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 6/6/2017 **Req'd Qty:** 1.00

*** 1 ***

Customer:

Reference: SCHEDULED/C

Approvals: Process Plan: [Signature] Date: **APR 19 2017**

Tooling:

Date:

Run Start *NR1*

QC: Date:

Date:

SPC (Y/N):

Date:

Stop *NR2*

[illegible]

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval																	
Description Work Order Deviation		Disposition		Completed By																	
				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	
<table style="width:100%; border: none;"> <tr> <td style="width:25%; text-align: center; vertical-align: top;"> Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:25%; text-align: center; vertical-align: top;"> ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due </td> <td style="width:25%; text-align: center; vertical-align: top;"> ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter </td> <td style="width:25%; text-align: center; vertical-align: top;"> FAULT CATEGORY ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes </td> <td style="width:25%; text-align: center; vertical-align: top;"> ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center </td> <td style="width:25%; text-align: center; vertical-align: top;"> ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence </td> </tr> <tr> <td colspan="4" style="text-align: center; vertical-align: top;"> OTHER : ☐ </td> </tr> </table>					Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due	☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter	FAULT CATEGORY ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes	☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence	OTHER : ☐										
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due	☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter	FAULT CATEGORY ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes	☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center	☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence																
OTHER : ☐																					

Wednesday, April 19, 2017 3:32:26 PM

159944

Page 2

N900040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Start Date: 6/1/2017 **Start Qty:** 1.00 ***1***

Required Date: 6/6/2017 **Req'd Qty:** 1.00 ***1***

Customer:

Reference: SCHEDULED/C

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

**Insp.
Stamp**

Identify as per dwg & Stock Location:_____

0.00

130

Memo

PPPI5991^{0.01}

Packaging

Packaging

DAS
27
9-89

JUL 06 2017

140

QC21- Final Inspection - Work Order Release

0.00

140

Memo

0.10

QC

Quality Control

JUL 07 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Wednesday, April 19, 2017 3:32:24 PM

Page 1

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 15.10.15 NEW ISSUE DD VERF:JLM IPP
REV:B 15.12.21 PA3 DD VERF:JLM IPP REV:C
17.03.27 AS PER REV.B DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D5319-175		Manufactured	No			100	Each	0.0000	1	(2x) 159101		JUL 04 2017	DAS 6 9-89
D5319-175									**				
Placard, Max Load													
MS17984-C410		Purchased	No			100	Each	10.0000	1	1		JUL 04 2017	DAS 6 9-89
MS17984-C410									**				
QUICK PIN REPLACEMENT													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST315		10							
				m137164		10							
D2535		Manufactured	No			100	Each	88.0000	2	2		JUL 04 2017	DAS 6 9-89
D2535									**				
Spring													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST008		88							
				153928		25							
				155434		13							
				158095		50				2			
D2537		Manufactured	No			100	Each	65.0000	2	2		JUL 04 2017	DAS 6 9-89
D2537									**				
Bushing													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST008		65							
				154171		2							
				155579		63				2			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Wednesday, April 19, 2017 3:32:24 PM

Page 2

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

D2690-6 Manufactured No

100 Each 35.0000 1 1

D2690-6

Lanyard

DAS

6

JUL 0 4 2017

9-89

Location

Loc Qty

Loc Code

ST009

35

159061

35

159568

D3917-3 Manufactured No

100 Each 106.0000 10 10

D3917-3

Washer

DAS

6

JUL 0 4 2017

9-89

Location

Loc Qty

Loc Code

ST056

106

154158

28

155753

53

157536

25

161304

D3953-3 Manufactured No

100 Each 63.0000 2 2

D3953-3

Gas Spring Stud, Lid

DAS

6

JUL 0 4 2017

9-89

Location

Loc Qty

Loc Code

ST060

23

155380

23

ST064A

40

158669

40

2

D3953-7 Manufactured No

100 Each 97.0000 2 2

D3953-7

Spring Spacer

DAS

6

JUL 0 4 2017

9-89

Location

Loc Qty

Loc Code

ST060

17

153780

17

ST064A

80

154160

54

155761

26

2

Wednesday, April 19, 2017 3:32:24 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Wednesday, April 19, 2017 3:32:24 PM

Page 3

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-9 Manufactured No

100 Each 71.0000 2 2

D3953-9

Gas Spring Washer

JUL 04 2017

DAS
6
9-89

Location	Loc Qty	Loc Code
ST060	71	
155377	8	
157574	19	
158715	44	

2

D3953-17 Manufactured No

100 Each 64.0000 2 2

D3953-17

Gas Spring Spacer

JUL 04 2017

DAS
6
9-89

Location	Loc Qty	Loc Code
ST060	46	
153987	1	
155261	15	
159089	30	
ST064A	18	
154777	18	

2

D3953-19 Manufactured No

100 Each 43.0000 1 1

D3953-19

Gas Spring Bracket

JUL 04 2017

DAS
6
9-89

Location	Loc Qty	Loc Code
ST060	10	
154208	5	
154776	5	
ST064A	33	
154207	0	
155258	12	
159087	21	

1

Wednesday, April 19, 2017 3:32:24 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Wednesday, April 19, 2017 3:32:24 PM

Page 4

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-21 Manufactured No

100 Each 35.0000 1 1

D3953-21

Gas Spring Bracket

DAS

JUL 04 2017

6
9-89

Location

Loc Qty

Loc Code

ST061

35

154213

4

154310

10

155275

6

159096

15

D3969-7 Manufactured No

100 Each 6.0000 1 1

D3969-7

Spring (Basket Lid)

DAS

6

9-89

JUL 04 2017

Location

Loc Qty

Loc Code

ST364

6

159164

6

D5322-041 Manufactured No

100 Each 3.0000 1 1

D5322-041

Handle Weldment

DAS

6

9-89

JUL 04 2017

Location

Loc Qty

Loc Code

ST368

3

158828

3

D5323-1 Manufactured No

100 Each 0.0000 4 4

D5323-1

Bumper

DAS

6

9-89

JUL 04 2017

D5324-1 Manufactured No

100 Each 3.0000 1 1

D5324-1

Drag Bracket

DAS

6

9-89

JUL 04 2017

Location

Loc Qty

Loc Code

ST164

3

158844

3

Wednesday, April 19, 2017 3:32:24 PM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

Picklist Print

Wednesday, April 19, 2017 3:32:24 PM

Page 5

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

D5331-041	Manufactured	No	100	Each	0.0000	1	1	
D5331-041						**		B154909(1x) 12/07/02
Basket Base Assembly, LH								
D5336-041	Manufactured	No	100	Each	0.0000	1	1	
D5336-041						**		B154907(1x) 12/07/05
Basket Lid Assembly								
D5336-043	Manufactured	No	100	Each	0.0000	1	1	
D5336-043						**		B154911(1x) 12/09/05
Basket Lid Assembly, RH								
AN3-7A	Purchased	No	100	Each	266.0000	2	2	
AN3-7A						**		
Bolt								

Location	Loc Qty	Loc Code
over003	250	
m137164	250	
ST349	16	
m135058	16	

AN3-13A	Purchased	No	100	Each	46.0000	4	4	
AN3-13A						**		
Bolt								

Location	Loc Qty	Loc Code
GA	16	
m127070	16	
ST349	30	
153845	29	
m136406	1	

DAS 6 9-89 JUL 04 2017

DAS 6 9-89 JUL 04 2017

13786

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Wednesday, April 19, 2017 3:32:25 PM

Page 6

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

AN3-16A Purchased No

100 Each 53.0000 2 2

AN3-16A

Bolt

9-88 DAYS JUL 04 2017

Location Loc Qty Loc Code

GA 37

117441 37

137371

ST348 16

M136665 16

AN310C4 Purchased No

100 Each 51.0000 2 2

AN310C4

Nut

9-88 DAYS JUL 04 2017

Location Loc Qty Loc Code

ST331 51

M135895 1

137412

M136450 25

M136986 25

AN310-4 Purchased No

100 Each 62.0000 5 5

AN310-4

Nut

9-88 DAYS JUL 04 2017

Location Loc Qty Loc Code

GA 25

M127815 25

ST331 37

M136648 1

M137075 36

137361

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐		☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator ☐		☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup ☐		☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier ☐		☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training ☐		☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing ☐		☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information ☐		☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing ☐		☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement ☐		☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement ☐		☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process ☐		OTHER : _____							
Misidentified ☐	☐	Past Due ☐									

Picklist Print

Wednesday, April 19, 2017 3:32:25 PM

Page 7

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

AN4-12 Purchased No

100 Each 104.0000 5 5

AN4-12

Bolt

DAS

6

9-89

JUL 04 2017

Location

Loc Qty

Loc Code

over003

90

137320

50

m136199

40

ST344

14

m137178

14

137659

AN5-17A Purchased No

100 Each 120.0000 4 4

AN5-17A

Bolt

DAS

6

9-89

JUL 04 2017

Location

Loc Qty

Loc Code

GA

20

117872

20

over003

75

m136986

75

ST337

25

m136648

25

137412

MS20600-AD4W3 Purchased No

100 Each 218.0000 4 4

MS20600-AD4W3

Cherry Rivet

DAS

6

9-89

JUL 04 2017

Location

Loc Qty

Loc Code

ST308

158

m135603

158

WA003

60

m136648

60

4

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Wednesday, April 19, 2017 3:32:25 PM

Page 8

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

100

Each

2,180.000

8

8

MS21042L3

Nut

JUL 04 2017
DAS
9-89

Location

Loc Qty

Loc Code

FP001

100

m135945

100

GA

168

m134360

102

M136665

66

OVER007

1300

m134360

0

M136665

300

m137321

1000

ST303

612

m137073

112

m137166

500

13768

MS21042L5

Purchased

No

100

Each

258.0000

4

4

MS21042L5

Nut

JUL 04 2017

Location

Loc Qty

Loc Code

GA

16

m127813

16

ST303

242

m136986

67

m137075

75

m137164

100

13758

13747

DAS
9-89

Wednesday, April 19, 2017 3:32:25 PM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Wednesday, April 19, 2017 3:32:25 PM

Page 9

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

MS24665-151

Purchased

No

100

Each

99.0000

5

5

MS24665-151

Cotter Pin

DAS

6

9-89

JUL 0 4 2017

Location

Loc Qty

Loc Code

GA

60

m128401

60

ST289

39

m136444

39

137397

MS24665-300

Purchased

No

100

Each

49.0000

2

2

MS24665-300

COTTER PIN

DAS

6

9-89

JUL 0 4 2017

Location

Loc Qty

Loc Code

GA

28

118234

28

ST288

21

m135046

21

137397

NAS1149F0332P

Purchased

No

100

Each

1,410.000

12

12

NAS1149F0332P

Washer

DAS

6

9-89

JUL 0 4 2017

Location

Loc Qty

Loc Code

GA

275

m133709

275

ST262

1135

m136835

8

m137075

1127

137710

Wednesday, April 19, 2017 3:32:25 PM

Shop Packet Print

Page 9

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Wednesday, April 19, 2017 3:32:25 PM

Page 10

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0432R

Purchased

No

100

Each

1,027.000

2

2

NAS1149C0432R

WASHER

JUL 04 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

357

m134676

357

ST266

670

m136182

5

m136986

665

137459

NAS1149FN432P

Purchased

No

100

Each

174.0000

4

4

NAS1149FN432P

Washer, #4

JUL 04 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST264

174

120306

174

NAS1149F0432P

Purchased

No

100

Each

537.0000

10

10

NAS1149F0432P

WASHER

JUL 04 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST262

537

M136442

537

NAS1149F0563P

Purchased

No

100

Each

221.0000

4

4

NAS1149F0563P

Washer

JUL 04 2017

DAS
6
9-89

Location

Loc Qty

Loc Code

ST2360A

200

m136983

200

ST262

21

m134852

21

7

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Wednesday, April 19, 2017 3:32:25 PM

Work Order ID: 159944

159944

Parent Item: D5337-011

D5337-011

Parent Item Name: Basket Assembly, LH

Start Date: 6/1/2017

Required Date: 6/6/2017

Start Qty: 1.00

Required Qty: 1.00

97447A010

Purchased

No

100

Each

124.0000

4

4

97447A010

**

Blind Rivet

JUL 0 4 2017 ^{DAS}
6

Location

Loc Qty

Loc Code

ST589

124

m131311

124

Ex.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

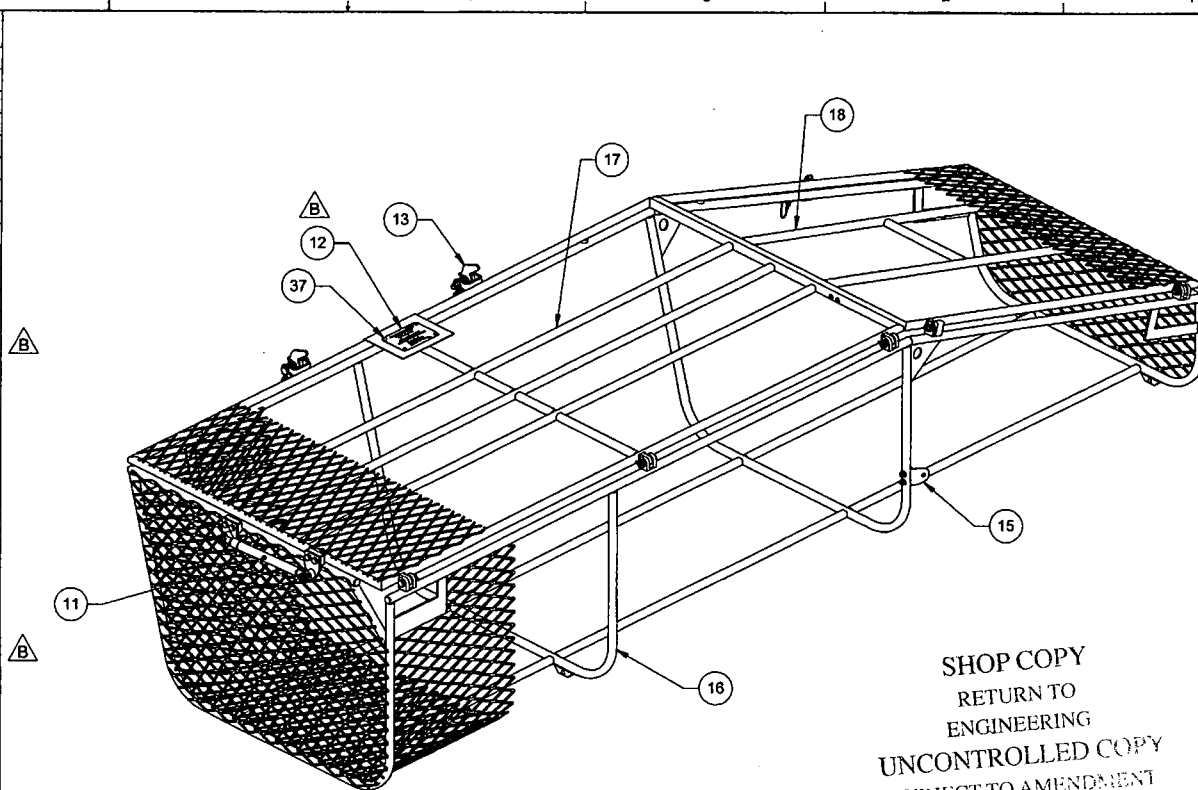
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐			
OTHER : _____					

Wednesday

ITEM	QTY	P/N	DESCRIPTION
	X	D5337-011	BASKET ASSEMBLY, LH
1	2	D2535	SPRING
2	2	D2537	BUSHING
3	1	D2536	LANYARD ASSEMBLY
4	10	D2517-3	WASHER
5	2	D3953-3	GAS SPRING STUD, LID
6	2	D3953-7	GAS SPRING SPACER
7	2	D3953-9	GAS SPRING WASHER
8	2	D3953-17	GAS SPRING SPACER
9	1	D3953-19	GAS SPRING BRACKET
10	1	D3953-21	GAS SPRING BRACKET
11	1	D3969-7	SPRING
12	1	D5319-175	PLACARD, MAX LOAD
13	1	D5322-041	HANDLE WELDMENT
14	4	D5323-1	BUMPER
15	1	D5324-1	DRAG BRACKET
16	1	D5331-041	BASKET BASE ASSY, LH
17	1	D5336-041	BASKET LID ASSY
18	1	D5336-043	BASKET LID ASSY, LH
19	2	AN3-7A	BOLT
20	4	AN3-13A	BOLT
21	2	AN3-16A	BOLT
22	2	AN310C4	NUT, CASTELLATED
23	5	AN310-4	NUT, CASTELLATED
24	5	AN4-12	BOLT
25	4	AN5-17A	BOLT
26	1	MS17984-C410	PIN, QUICK RELEASE
27	4	MS20600AD4W3	RIVET, BLIND
28	8	MS21042L3	NUT, SELF-LOCKING
29	4	MS21042L5	NUT, SELF-LOCKING
30	5	MS24665-151	COTTER PIN
31	2	MS24665-300	COTTER PIN
32	12	NAS1149F0332P	WASHER
33	2	NAS1149C0432R	WASHER
34	4	NAS1149FN432P	WASHER
35	10	NAS1149F0432P	WASHER
36	4	NAS1149F0563P	WASHER
37	4	97447A010	RIVET, SOLID, PAN HEAD



D5337-011 BASKET ASSEMBLY, LH

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *S9944*
APR 19 2017

NOTES:

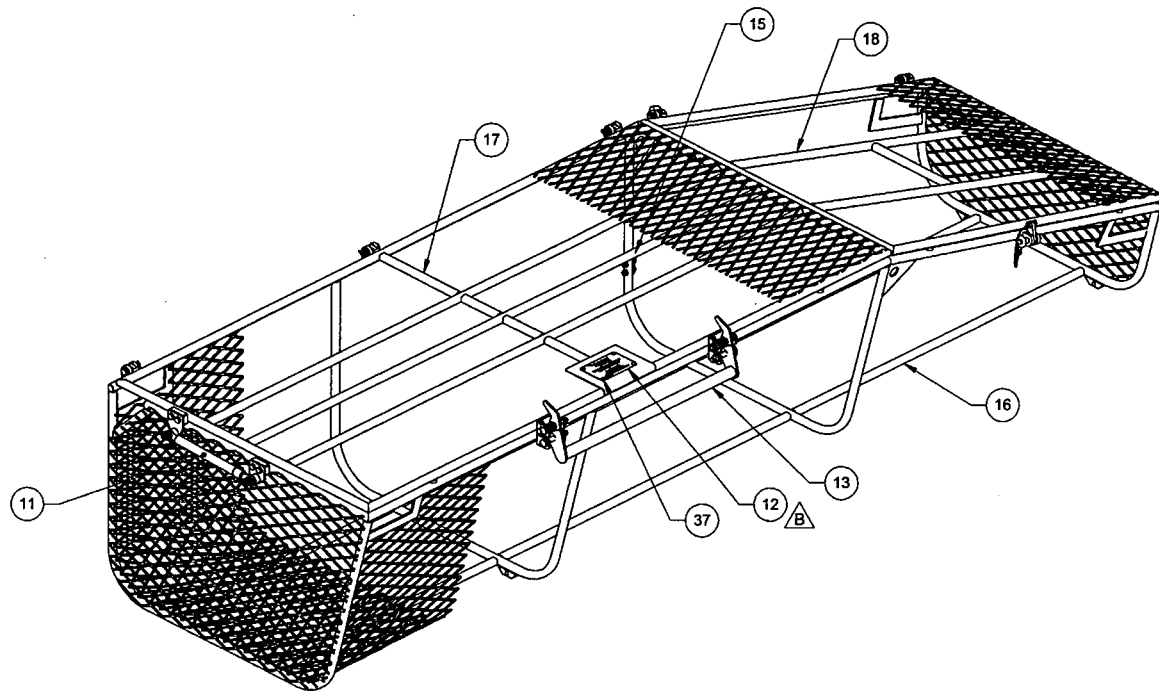
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 50.3 lbs

RELEASED
2017-03-22
ECN 17-535

APPROVED

B	D5319-175 WAS D5319-200 (ZN D5-1, C2-2, C5-3, C4-4); REVISE BOMS; ADDED MS17984-C410; REMOVE AN416-2, MS20392-3R33 & NAS1149F0432P (ZN D2-3, A6-4)	RF	17.02.09
A	NEW ISSUE	RF	15.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66/R44 BASKET ASSEMBLY	NTS
DATE	17.02.09	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -012	P/N	DESCRIPTION
	X	D5337-012	BASKET ASSEMBLY, RH
1	2	D2535	SPRING
2	2	D2537	BUSHING
3	1	D2690-6	LANYARD ASSEMBLY
4	10	D3917-3	WASHER
5	2	D3953-3	GAS SPRING STUD, LID
6	2	D3953-7	GAS SPRING SPACER
7	2	D3953-9	GAS SPRING WASHER
8	2	D3953-17	GAS SPRING SPACER
9	1	D3953-19	GAS SPRING BRACKET
10	1	D3953-21	GAS SPRING BRACKET
11	1	D3969-7	SPRING
12	1	D5319-175	PLACARD, MAX LOAD
13	1	D5322-041	HANDLE WELDMENT
14	4	D5323-1	BUMPER
15	1	D5324-1	DRAG BRACKET
16	1	D5331-042	BASKET BASE ASSY, RH
17	1	D5336-041	BASKET LID ASSY
18	1	D5336-044	BASKET LID ASSY, RH
19	2	AN3-7A	BOLT
20	4	AN3-13A	BOLT
21	2	AN3-16A	BOLT
22	2	AN310C4	NUT, CASTELLATED
23	5	AN310-4	NUT, CASTELLATED
24	5	AN4-12	BOLT
25	4	AN5-17A	BOLT
26	1	MS17984-C410	PIN, QUICK RELEASE
27	4	MS20600AD4W3	RIVET, BLIND
28	8	MS21042L3	NUT, SELF-LOCKING
29	4	MS21042L5	NUT, SELF-LOCKING
30	5	MS24665-151	COTTER PIN
31	2	MS24665-300	COTTER PIN
32	12	NAS1149F0332P	WASHER
33	2	NAS1149C0432R	WASHER
34	4	NAS1149FN432P	WASHER
35	10	NAS1149F0432P	WASHER
36	4	NAS1149F0563P	WASHER
37	4	97447A010	BLIND RIVET, PAN HEAD



D5337-012 BASKET ASSEMBLY, RH

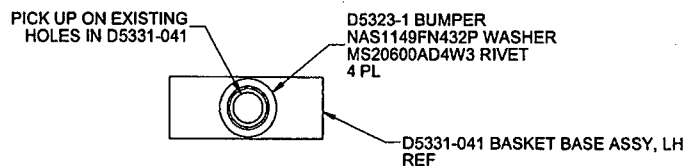
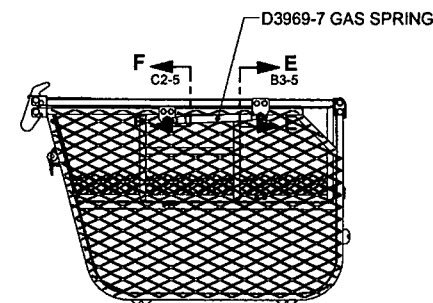
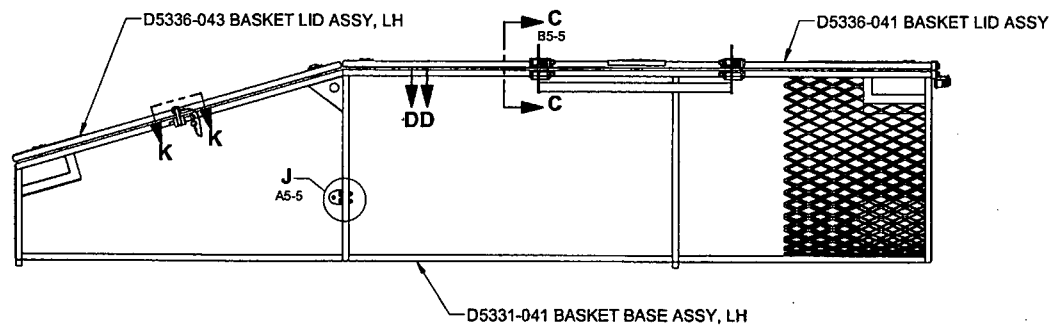
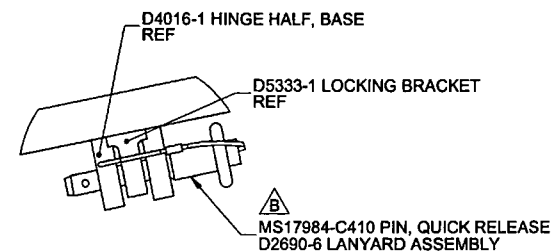
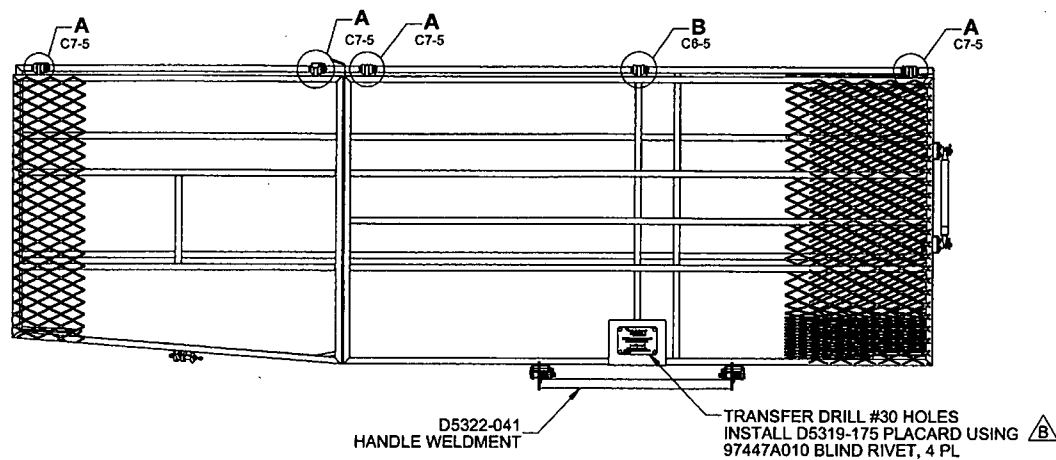
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 50.3 lbs

RELEASED
2017-03-22

APPROVED

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 2 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66/R44 BASKET ASSEMBLY	NTS
DATE	17.02.09	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



D5337-011 BASKET ASSEMBLY, LH

RELEASED
2017-03-22

APPROVED

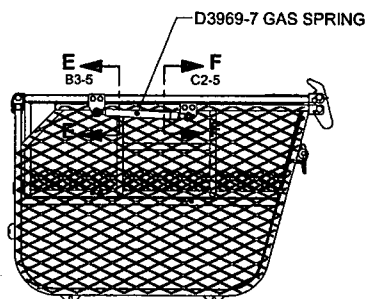
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 3 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66/R44 BASKET ASSEMBLY	NTS
DATE	17.02.09	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

PICK UP ON EXISTING
HOLES IN D5331-042

D5323-1 BUMPER
NAS1149FN432P WASHER
MS20600AD4W3 RIVET
4 PL

D5331-042 BASKET
BASE ASSY, RH
REF

VIEW H-H
(LID ASSY REMOVED FOR CLARITY)

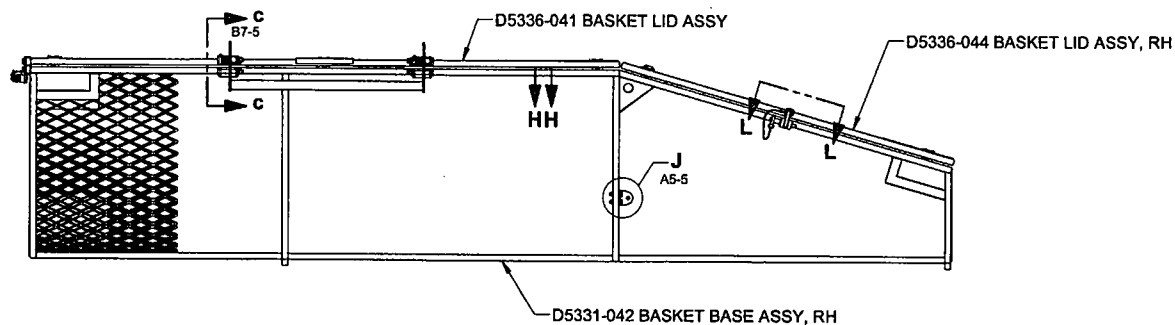
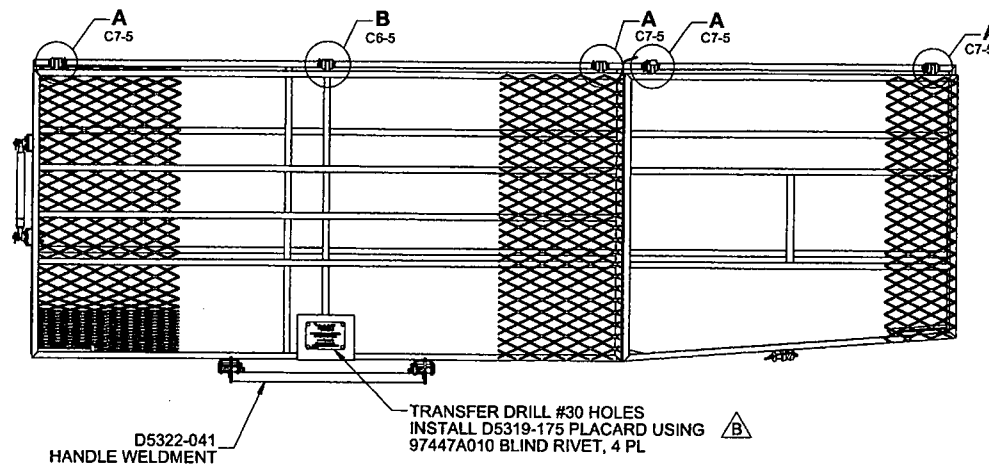


D4016-1 HINGE HALF, BASE
REF

D5333-1 LOCKING BRACKET
REF

MS17984-C410 PIN, QUICK RELEASE
D2690-6 LANYARD ASSEMBLY

VIEW L-L



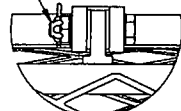
D5337-012 BASKET ASSEMBLY, RH

RELEASED
2017-03-22

APPROVED

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 4 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66/R44 BASKET ASSEMBLY	NTS
DATE	17.02.09	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

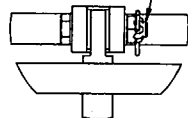
AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL A

D6-3
D3-3
D6-3
D5-4
D3-4
D2-4

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



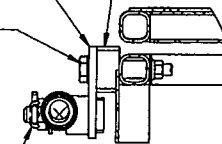
DETAIL B

D5-3
D4-4

D3953-21 GAS SPRING BRACKET

D3953-17 GAS SPRING SPACER

AN3-13A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL

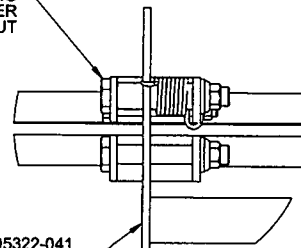


SECTION F-F

C2-3
B7-4

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT



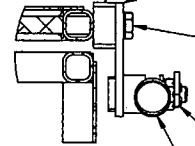
VIEW G-G
2 PL

D5322-041
HANDLE WELDMENT
REF

D3953-17 GAS SPRING SPACER

D3953-19 GAS SPRING BRACKET

AN3-13A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



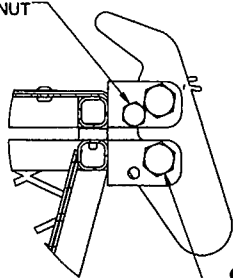
SECTION E-E

C2-3
B7-4

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-7 GAS SPRING
REF

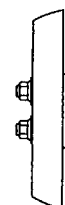
AN3-16A
MS21042L3 NUT



VIEW C-C
2 PL

D5-3
B5-4

AN5-17A BOLT
NAS1149F0563P WASHER
MS21042L5 NUT



DETAIL J

B6-3
B3-4

D5324-1 DRAG BRACKET, REF

AN3-7A BOLT
NAS1149F0332P WASHER, 2X
MS21042L03 NUT

RELEASED
2017-03-22

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. B
MFG. APPR.	DD	D5337	SHEET 5 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66/R44 BASKET ASSEMBLY	NTS
DATE	17.02.09	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	